

ZyXEL



Power Up Your Network

200Mbps
HomePlug



- **Data Transmission Rates of Up to 200 Mbps Over Powerline**
- **4-port 10/100 Mbps Ethernet Uplink/Downlink**
- **Advanced 128-bit AES Security Network Protection**
- **HomePlug Instant Encrypt Button to Secure Your Powerline Network**
- **Multi-colored LED to Indicate Data Transmission Rates Over Powerline**

Benefits

Data Transmission Rates of Up to 200 Mbps

ZyXEL PLA-470 is an access extension solution to have your house completely networked with existing power lines. Thanks to the advanced HomePlug AV Technology, the PLA-470 is capable of transmitting data at up to 200Mbps. It allows you to share network resources and enjoy Internet access through secure high-speed data connection over the house power lines you already have.

4-port 10/100 Mbps Ethernet Uplink/Downlink

The 4-port ZyXEL desktop powerline Ethernet switch is designed to increase the flexibility and cost efficiency of your powerline network. The PLA-470 allows more applications to take advantage of the powerline network simultaneously, and its plug-and-play compatibility makes installation and management easier and faster than ever.

High Speed and QoS for High Definition Video Streams

The inherent advanced QoS features the PLA-470 to be an idea access tool for service provider to deliver "triple play" multimedia services such as high-quality digital video streams, high-speed Internet access, and voice services.

Advanced 128-bit AES Security Protection

With the 128-bit Data Encryption Security (AES) feature, the PLA-470 provides secure network connection for Internet access and network resource sharing. Just enjoy fast Internet surfing experience and secure file transfer and leave the sweats to the PLA-470.

Powerline Ethernet 4-port Switch

PLA-470



HOMEPLUG



Specifications

System Specifications

- Network Standard: HomePlug AV 200 Mbps compliance Data Rate
- Power Line Network:
 - Supports up to 16 Powerline- devices communicating on a single network. Each Powerline Ethernet adapter supports 15 remote Ethernet addresses. With total 4 groups then it can support up to total 64.
- Modulation:
 - OFDM Symbol Modulation, supports QAM 1024/256/64/16, DQPSK, DBPSK and ROBO Carrier modulation schemes
- Frequency Band: 1.7 MHz ~ 30 MHz
- Coverage Area: up to 300 meters
- Security: 128 bit AES encryption

Hardware Specifications

- Interface: 4-port 10/100 Mbps Ethernet, RJ-45, with automatic MDI/MDIX
- Power Input: 100-240 VAC, 50/60 Hz, 0.2 A (Max)
- LED Display:
 - Status LED Power
 - Powerline Link and Activity
 - Ethernet Link and Activity

Physical Specifications

- Dimensions: 162 (W) x 118 (D) x 40 (H) mm
- Weight: 303 g

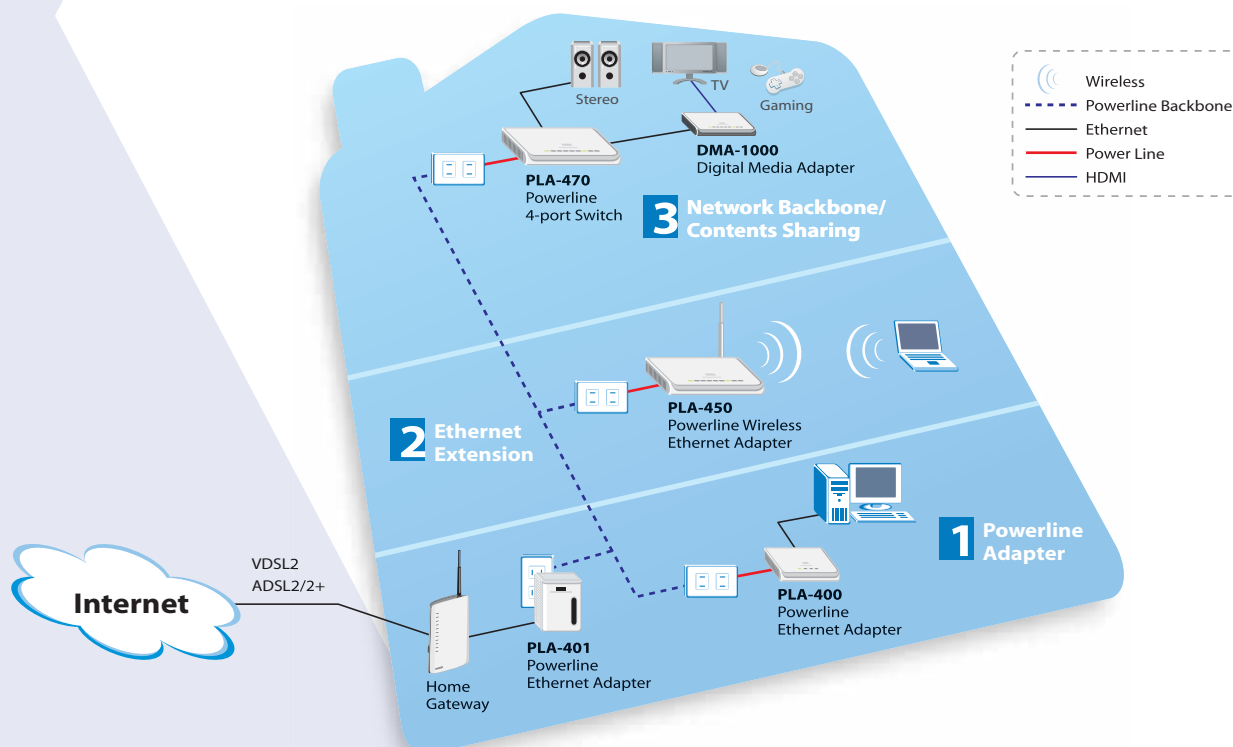
Environmental Specifications

- Operating Temperature: 0°C ~ 40°C
- Storage Temperature: -20°C ~ 60°C
- Operating Humidity: 20% ~ 95% RH
- Storage Humidity: 20% ~ 95% RH

Certification

- Safety: UL/cUL, LVD
- EMI: CE, FCC
- HomePlug Certification: HomePlug AV

Application Diagram



For more product information, visit us on the web www.ZyXEL.com